

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for switching a type of a transmission scheme to a point-to-multipoint (PTM) scheme, by a Node B, which provides an MBMS (Multimedia Broadcast/Multicast Service) service to at least one user equipment (UE) in a point-to-point (PTP) scheme as the transmission scheme, in a mobile communication system including the at least one UE located in a cell, the UE receiving the MBMS service via the cell, and a radio network controller (RNC) providing the MBMS service to the at least one UE via the cell, the mobile communication system determining the type of the transmission scheme according to a the number of the at least one UE receiving the MBMS service within the cell, the method comprising the steps of:

receiving, by the Node B ~~at least one UE~~, a measurement command from the RNC;
upon receiving the measurement command, measuring, by the Node B ~~at least one UE~~, total transmission power of a dedicated channel providing the MBMS service, for the cell; and
receiving, by the Node B ~~at least one UE~~, a power threshold and a waiting time provided from the RNC before receiving the measurement command, and sending a request for switching the transmission scheme to the RNC, if the measured total transmission power exceeds the power threshold for the waiting time.

2. (Currently Amended) The method of claim 1, further comprising the step of, upon receiving a measurement delete command in response to the transmission scheme switching request, suspending, by the Node B, measurement of the total transmission power and then assigning a radio resource for providing the MBMS service in the PTM scheme.

3. (Original) The method of claim 1, wherein the measurement command comprises radio link identifier information for identifying at least one dedicated channel providing the MBMS service in the PTP scheme and Node B communication context (NBCC) identifier information for identifying the at least one UE receiving the MBMS service.